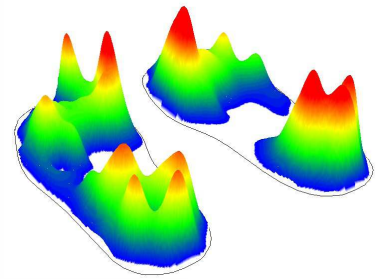
T&T Medilogic Medizintechnik GmbH

Wireless Foot Pressure Measuring System

The ***Wireless Medilogic***® **foot pressure measuring system** offers recording of the pressure load under the foot inside the shoe.

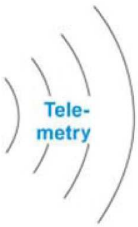


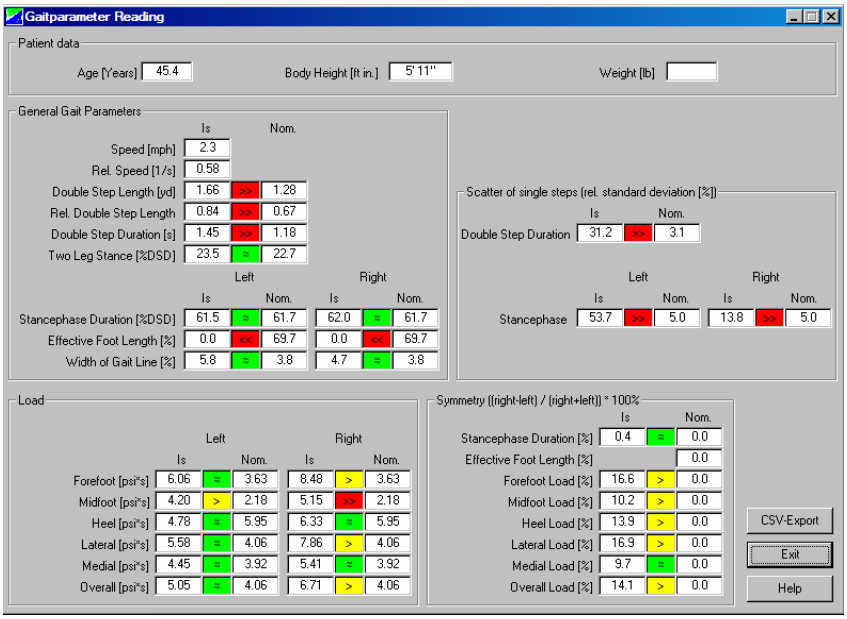
- **Wireless Transmission**
- **Real-time display of pressure values**
- **High Resolution of pressure load distribution**
- **Full color display - isobaric color or as 3D mountain**
- **Data Logging option**
- **Direct Synchronization with Noraxon's SEMG systems, the new Wireless SEMG.**
- **Easy to use**

Through its easily understandable design and the focus on the functions necessary for the practitioner the software eliminates the need for laborious and time consuming adjustment.

For applications in the field of:

- Orthopedic Shoe Manufacturer
- Neurology
- Occupational Medicine
- Traumatology
- Sports Medicine





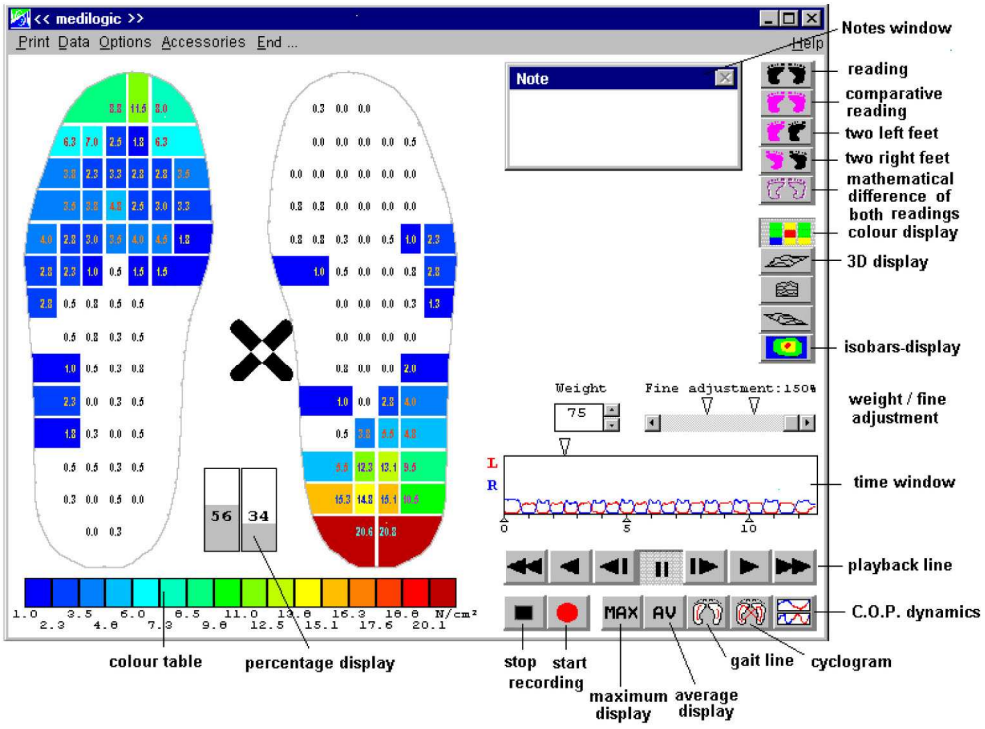
Instant Wireless Results

The ***Medilogic***® foot pressure measuring system offers recording of the pressure load under the foot inside the shoe. **Thin, flexible insoles**, with a high number of sensors, record the **plantar pressure distribution**. A **wireless** data modem, which is attached to the patient, sends the data to a modem at the computer.

The direct to PC wireless transmission provides instant display of the pressure values during the measurement without affecting the patient with a cable connection to the computer. The redording is started with a single touch of a button. The software is user friendly and allows for instant access to:

- Real-time graphical and numerical display of pressure values.
- Pressure distribution can be displayed as isobaric color display or as 3-D mountain
- Complete gait results
- Viewing in fast forward mode, at normal speed or in slow motion

Through its easily understandable design and the focus on the functions necessary for the user, the software eliminates the need for laborious and the time consuming adjustments.



Specifications

Insoles: Max. 240 SSR sensors per insole
(depending on size and shape) available standard sizes:
33-34, 35-36, 37-38, 39-40, 41-42, 43-44, 45-46, 47-48, 49-50

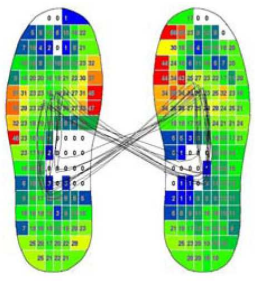
Range of Measurement:
- 0,6 to 64

Sampling Rate:
- 60 Hz (optional 50 Hz for video synchronization)
- Max. 300 Hz for Sports Version

Patient modem:
- Weight: 180g
- L x B x H: 93mm x 75mm x38mm
- Power supply: 9V standard battery

Computer modem:
- Weight: 150g
- L x B x H: 93mm x 75mm x 28mm
- USB computer interface
- Power supply: over USB interface
- Wireless Transmission: Carrier Frequency: 2,4 GHz

Range: approx. 100m outside, approx. 25m inside buildings



Cyclogram

The Cyclogram highlights deviations from gait symmetry in real-time. The center of gravity is recorded providing the illustrated gait line. Thus, allowing demonstration of roll-off for the left and right foot separately. Finally, light variations are more noticible.